

Project Title	Funding	Strategic Plan Objective	Institution
Near-infrared spectroscopy studies of early neural signatures of autism	\$0	Q2.L.B	Yale University
Neurogenic growth factors in autism	\$0	Q2.S.G	Yale University
Transitioning Together: An intervention program for adolescents with ASD and their families	\$59,939	Q5.Other	Waisman Center
Quality of life during midlife in adults with ASD	\$0	Q6.S.A	Waisman Center
Neural mechanisms underlying an extended multisensory temporal binding window in ASD	\$0	Q2.Other	Vanderbilt University
Characterization of the sleep phenotype in adolescents and adults with autism spectrum disorder	\$0	Q2.S.E	Vanderbilt University
Autism Treatment Network (ATN) 2011- Vanderbilt University	\$140,000	Q7.N	Vanderbilt University
Macrocephalic autism: Exploring and exploiting the role of PTEN	\$28,000	Q2.Other	University of Wisconsin - Madison
Multi-registry analyses for iCARE- West Australia	\$52,587	Q3.S.H	University of Western Australia
Investigation of the link between early brain enlargement and abnormal functional connectivity in autism spectrum disorders	\$117,156	Q2.L.A	University of Washington
Social processing, language, and executive functioning in twin pairs: Electrophysiological and behavioral endophenotypes	\$150,000	Q2.S.G	University of Washington
Strengthening the effects of parent-implemented early intervention to improve symptoms of ASD	\$0	Q4.S.D	University of Washington
Epigenetics, hormones and sex differences in autism incidence	\$85,000	Q3.S.K	University of Virginia
20-year outcome of autism	\$150,000	Q2.L.A	University of Utah
Shank3 mutant characterization in vivo	\$28,000	Q4.S.B	University of Texas Southwestern Medical Center
Animal models of autism: Pathogenesis and treatment	\$0	Q4.S.B	University of Texas Southwestern Medical Center
Perinatal exposure to airborne pollutants and associations with autism phenotype	\$0	Q3.S.C	University of Southern California
Vulnerability phenotypes and susceptibility to environmental toxicants: From organism to mechanism	\$0	Q3.S.E	University of Rochester
Autism Treatment Network (ATN) 2011- University of Rochester	\$140,000	Q7.N	University of Rochester
Temporal coordination of social communicative behaviors in infant siblings of children with autism	\$0	Q1.L.A	University of Pittsburgh
Autism Genome Project (AGP) Core Consortium	\$50,985	Q3.L.B	University of Pittsburgh
Evidence-based cognitive rehabilitation to improve functional outcomes for young adults with autism spectrum disorders	\$100,000	Q4.S.F	University of Pittsburgh
Autism Treatment Network (ATN) 2011- U of Pittsburgh	\$140,000	Q7.N	University of Pittsburgh
Estimating the economic costs of autism	\$37,500	Q6.L.D	University of Pennsylvania

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Neuropathology of the social-cognitive network in Autism: a comparison with other structural theories	\$100,198	Q2.Other	University of Oxford
Neuropharmacology of motivation and reinforcement in mouse models of autistic spectrum disorders	\$228,965	Q4.S.B	University of North Carolina School of Medicine
MRI study of brain development in school age children with autism	\$126,978	Q2.L.A	University of North Carolina at Chapel Hill
Behavioral and neural correlates of reward motivation in children with autism spectrum disorders	\$27,554	Q2.Other	University of North Carolina at Chapel Hill
Using Parent Report to Identify Infants Who Are at Risk for Autism Spectrum Disorder (ASD)	\$149,962	Q1.S.B	University of North Carolina
The neural correlates of transient and sustained executive control in children with autism spectrum disorder	\$0	Q2.Other	University of Missouri
Autism Treatment Network (ATN) 2011- University of Missouri	\$139,996	Q7.N	University of Missouri
fMRI evidence of genetic influence on rigidity in ASD	\$0	Q2.S.G	University of Michigan
Neural correlates of serotonin transporter gene polymorphisms and social impairment in ASD	\$127,500	Q2.S.G	University of Michigan
Early intervention in an underserved population	\$73,763	Q4.L.D	University of Michigan
Development and refinement of diagnostic instruments for use with adults with ASD	\$28,000	Q6.S.C	University of Michigan
Influence of maternal cytokines during pregnancy on effector and regulatory T helper cells as etiological factors in autism	\$93,500	Q2.S.A	University of Medicine & Dentistry of New Jersey
Influence of the maternal immune response on the development of autism	\$0	Q2.S.A	University of Medicine & Dentistry of New Jersey
Dissemination of multi-stage screening to underserved culturally-diverse families	\$28,000	Q1.S.C	University of Massachusetts Boston
KwaZulu-Natal (KZN) Autism Study	\$60,000	Q7.J	University of KwaZulu-Natal
Transitions from augmentative or alternative communication (AAC) to speech: A pilot investigation	\$60,000	Q4.S.G	University of Kansas
Making words meet: Using computerized feedback to facilitate word combinations in children with ASD	\$89,132	Q4.S.G	University of Illinois at Urbana Champaign
Visualizing voice	\$28,000	Q4.S.G	University of Illinois at Urbana Champaign
Neurobiological mechanisms of insistence on sameness in autism	\$0	Q2.Other	University of Illinois at Chicago
fMRI studies of cerebellar functioning in autism	\$0	Q2.Other	University of Illinois at Chicago
Applying participatory design to develop technology (ITA Course)	\$5,000	Q5.L.A	University of Haifa
MEG investigation of phonological processing in autism	\$0	Q2.Other	University of Colorado Denver

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Salivary melatonin as a biomarker for response to sleep interventions in children with autism	\$58,397	Q2.S.E	University of Colorado Denver
Linking autism and congenital cerebellar malformations	\$60,000	Q3.L.B	University of Chicago
Deciphering the function and regulation of AUTS2	\$28,000	Q2.Other	University of California, San Francisco
Role of micro-RNAs in ASD affected circuit formation and function	\$127,383	Q2.Other	University of California, San Francisco
Safety and efficacy of complementary and alternative medicine for autism spectrum disorders	\$0	Q4.S.C	University of California, San Francisco
Neuroligins and neuroligins as autism candidate genes: Study of their association in synaptic connectivity	\$0	Q2.Other	University of California, San Diego
The effectiveness of an evidence-based parent training intervention in a community service setting	\$28,000	Q4.L.D	University of California, San Diego
Genome-wide expression profiling data analysis to study autism genetic models	\$28,000	Q3.S.A	University of California, Los Angeles
Deployment focused model of JASPER for preschoolers with autism spectrum disorders	\$150,000	Q4.L.D	University of California, Los Angeles
Cognitive behavioral therapy for core autism symptoms in school-age children	\$150,000	Q4.L.D	University of California, Los Angeles
Developmental and augmented intervention for facilitating expressive language	\$626,381	Q4.S.G	University of California, Los Angeles
A novel parent directed intervention to enhance language development in nonverbal children with ASD	\$28,000	Q4.S.G	University of California, Los Angeles
A role for immune molecules in cortical connectivity: Potential implications for autism	\$0	Q2.S.A	University of California, Davis
Vitamin D status and autism spectrum disorder: Is there an association?	\$0	Q3.S.C	University of California, Davis
Evaluation of the immune and physiologic response in children with autism following immune challenge	\$327,735	Q3.S.E	University of California, Davis
Etiology of autism risk involving MET gene and the environment	\$0	Q3.S.E	University of California, Davis
Early exposure to acetaminophen and autism	\$0	Q3.S.F	University of California, Davis
Defining the underlying biology of gastrointestinal dysfunction in autism	\$384,971	Q3.S.I	University of California, Davis
Double-blind placebo controlled trial of subcutaneous methyl B12 on behavioral and metabolic measures in children with autism	\$103,536	Q4.S.C	University of California, Davis
Strengthening the effects of parent-implemented early intervention to improve symptoms of ASD	\$0	Q4.S.D	University of California, Davis
A centralized standard database for the Baby Siblings Research Consortium	\$81,803	Q7.C	University of California, Davis
Examining vocational services for adults with autism	\$0	Q6.S.A	University of Calgary

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Autism Treatment Network (ATN) 2011- Arkansas	\$140,000	Q7.N	University of Arkansas for Medical Sciences
A novel cell-based assay for autism research and drug discovery	\$0	Q4.S.B	University of Arizona
Genomic influences on development and outcomes in Infants at risk of ASD	\$337,779	Q3.S.A	University of Alberta
Genomic influences on developmental course and outcome in Infants at risk of ASD: A Baby Siblings Research Consortium (BSRC) Study	\$0	Q3.S.A	University of Alberta
Autism Treatment Network (ATN) 2011- Glenrose Rehabilitation Hospital	\$139,376	Q7.N	University of Alberta
Behavioral and functional neuroimaging investigations of visual perception and cognition in autistics	\$0	Q2.Other	Université de Montréal
Analysis of developmental interactions between reelin haploinsufficiency, male sex, and mercury exposure	\$0	Q3.S.K	Universita Campus Bio-Medico di Roma
Multi-registry analyses for iCARE - Finland	\$38,335	Q3.S.H	Turku University
Effectiveness of sensory based strategies for improving adaptive behaviors in children with autism	\$0	Q4.S.C	Thomas Jefferson University
Dendritic organization within the cerebral cortex in autism	\$0	Q2.Other	The Open University
Autism Genome Project (AGP): Genome sequencing and analysis supplement	\$0	Q3.L.B	The Hospital for Sick Children
Multi-registry analyses for iCARE - Israel	\$38,335	Q3.S.H	The Gertner Institute of Epidemiology and Health Policy Research
The pathogenesis of autism: Maternal antibody exposure in the fetal brain	\$93,500	Q2.S.A	The Feinstein Institute for Medical Research
Social behavior deficits in autism: Role of amygdala	\$92,074	Q2.Other	State University of New York Upstate Medical Center
Social cognition in 22q11.2 deletion syndrom (DS) adolescents with ASD vs. without ASD: Imaging and genetic correlates	\$28,000	Q2.S.G	State University of New York Upstate Medical Center
Maternal infection and autism: Impact of placental sufficiency and maternal inflammatory responses on fetal brain development	\$108,375	Q2.S.A	Stanford University
Association of cholinergic system dysfunction with autistic behavior in fragile X syndrome: Pharmacologic and imaging probes	\$91,292	Q4.L.A	Stanford University
Pivotal response group treatment for parents of young children with autism	\$99,883	Q4.L.D	Stanford University
A stem cell based platform for identification of common defects in autism spectrum disorders	\$28,000	Q2.S.D	Scripps Research Institute
ARTI: The Autism Research & Training Initiative in India	\$59,952	Q7.J	Sangath

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Integrated play groups: Promoting social communication and symbolic play with peers across settings in children with autism	\$0	Q4.S.F	San Francisco State University
Victimization, pragmatic language, and social and emotional competence in adolescents with ASD	\$0	Q5.S.D	Queen's University
Autism Treatment Network (ATN) 2011- OHSU	\$140,000	Q7.N	Oregon Health & Science University
Multi-registry analyses for iCARE - Norway	\$37,115	Q3.S.H	Norwegian Institute of Public Health
Development of brain connectivity in autism	\$0	Q2.Other	New York School of Medicine
Autism Genome Project (AGP) Core Consortium	\$278,113	Q3.L.B	Nationwide Children's Hospital
Autism Treatment Network (ATN) 2011- Nationwide Children's Hospital	\$140,000	Q7.N	Nationwide Children's Hospital
Outcome Measures for Clinical Trials with Individuals with ASD: Challenges and Opportunities	\$26,000	Q4.S.E	N/A
Autism Celloidin Library	\$0	Q7.D	Mount Sinai School of Medicine
Effectiveness of reciprocal imitation training for adolescents with low-functioning autism	\$56,249	Q4.L.D	Michigan State University
Using an internet-based program to teach a naturalistic intervention to parents of children with ASD	\$28,000	Q5.L.C	Michigan State University
Are neuronal defects in the cerebral cortex linked to autism?	\$0	Q2.Other	Memorial Sloan-Kettering Cancer Center
Autism and Developmental Disabilities Monitoring Network augmentation with screening and assessment	\$0	Q7.I	Medical University of South Carolina
Innovative assessment methods for autism: A proof of principle investigation of "nonverbal" autism	\$0	Q1.L.C	McMaster University
Epidemiological study of pervasive developmental disorders in Mexico	\$60,000	Q7.J	McGill University
Imaging synaptic neurexin-neuroligin complexes by proximity biotinylation: Applications to the molecular pathogenesis of autism	\$0	Q2.Other	Massachusetts Institute of Technology
The role of the neurexin 1 gene in susceptibility to autism	\$0	Q3.L.B	Massachusetts General Hospital/Harvard Medical School
MEG investigation of the neural substrates underlying visual perception in autism	\$128,798	Q2.Other	Massachusetts General Hospital
Autism Treatment Network (ATN) 2011- MGH/LADDERS	\$140,000	Q7.N	Massachusetts General Hospital
Autism Treatment Network (ATN) 2011 - MGH Clinical Coordinating Center	\$445,000	Q7.N	Massachusetts General Hospital
Estimating the economic costs of autism	\$37,500	Q6.L.D	London School of Economics
Imitation in autism	\$0	Q1.L.B	King's College London
Autism phenotypes in Tuberous Sclerosis: Risk factors, features & architecture	\$0	Q2.S.D	King's College London

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Identical twins discordant for autism: Epigenetic (DNA methylation) biomarkers of non-shared environmental influences	\$77,501	Q3.S.J	King's College London
Why do people with autism spectrum disorders fare so differently in adult life?	\$0	Q6.S.A	King's College London
Autism spectrum disorder in Down syndrome: A model of repetitive and stereotypic behavior for idiopathic ASD	\$0	Q1.L.B	Kennedy Krieger Institute
Assessing the accuracy of rapid phenotyping of nonverbal autistic children	\$124,998	Q1.S.A	Kennedy Krieger Institute
Novel approaches for investigating the neurology of autism: Detailed morphometric analysis and correlation with motor impairment	\$0	Q2.Other	Kennedy Krieger Institute
Acupressure and acupuncture as an intervention with children with autism	\$0	Q4.S.C	Kennedy Krieger Institute
Double masked placebo controlled trial of cholesterol in hypocholesterolemic ASD	\$253,653	Q4.S.C	Kennedy Krieger Institute
Effects of self-generated experiences on social cognitive development in young children with autism	\$0	Q4.S.F	Kennedy Krieger Institute
Interactive Autism Network (IAN)	\$0	Q7.C	Kennedy Krieger Institute
Interactive Autism Network (IAN) core support	\$100,000	Q7.C	Kennedy Krieger Institute
Autism Treatment Network (ATN) 2011- KKI	\$25,000	Q7.N	Kennedy Krieger Institute
Multi-registry analyses for iCARE- Sweden	\$37,400	Q3.S.H	Karolinska Institutet
Vaccination with regression study	\$0	Q2.S.F	Kaiser Permanente Georgia
Genome-wide examination of DNA methylation in autism	\$0	Q3.S.J	Johns Hopkins University
The role of SHANK3 in the etiology of autism spectrum disorder	\$0	Q4.S.B	Johns Hopkins University
Assisted reproductive treatments and risk of autism	\$0	Q3.S.H	Institute of Psychiatry, King's College London
Biomarkers and diagnostics for ASD	\$149,600	Q1.S.A	Institute of Biotechnology
Very early behavioral indicators of ASD risk among NICU infants: A prospective study	\$0	Q3.S.H	Institute for Basic Research in Developmental Disabilities
Mirtazapine treatment of anxiety in children and adolescents with pervasive developmental disorders	\$99,993	Q4.L.C	Indiana University
A multi-site double-blind placebo-controlled trial of memantine vs. placebo in children with autism	\$97,238	Q4.L.A	Holland Bloorview Kids Rehabilitation Hospital
Autism Treatment Network (ATN) 2011-Toronto Consortium	\$140,000	Q7.N	Holland Bloorview Kids Rehabilitation Hospital
Phonological processing in the autism spectrum	\$0	Q2.Other	Heriot-Watt University
Effect of oxytocin receptor inhibitor (atosiban) during the perinatal period and prevalence of autism spectrum disorders	\$105,443	Q3.S.H	Hebrew University

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Identifying gastrointestinal (GI) conditions in children with autism spectrum disorders (ASD)	\$0	Q1.L.A	Harvard Medical School
Elucidation and rescue of amygdala abnormalities in the Fmr1 mutant mouse model of fragile X syndrome	\$150,000	Q2.S.D	George Washington University
Social-pragmatic treatment for adults with autism spectrum disorder: The Interview Skills Curriculum	\$56,874	Q6.L.A	Florida State University
Attention to social and nonsocial events in children with autism	\$0	Q1.S.B	Florida International University
PI3K/mTOR signaling as a novel biomarker and therapeutic target in autism	\$100,000	Q2.Other	Emory University
Novel approaches to enhance social cognition by stimulating central oxytocin release	\$0	Q4.S.B	Emory University
Functional study of synaptic scaffold protein SHANK3 and autism mouse model	\$150,000	Q4.S.B	Duke University
Ethics of communicating scientific findings on autism risk	\$533,354	Q7.E	Drexel University School of Public Health
Early life environmental exposures and autism in an existing Swedish birth cohort	\$0	Q3.S.H	Drexel University
Preference acquisition in children and adolescents with and without autism spectrum disorder	\$28,000	Q2.Other	Dalhousie University
Multi-registry analyses for iCARE - Data Management Core	\$72,160	Q3.S.H	Columbia University
Autism Treatment Network (ATN) 2011- Columbia University	\$25,000	Q7.N	Columbia University
Autism Treatment Network (ATN) 2011 - Cincinnati Children's Hospital Medical	\$140,000	Q7.N	Cincinnati Children's Hospital Medical Center
Potential role of non-coding RNAs in autism	\$0	Q3.L.B	Children's Mercy Hospitals And Clinics
Autism Treatment Network (ATN) 2011- CHOP	\$140,000	Q7.N	Children's Hospital of Philadelphia
Autism Treatment Network (ATN) 2011- Children's Hospital Los Angeles	\$140,000	Q7.N	Children's Hospital Los Angeles
Autism Treatment Network (ATN) 2011- University of Colorado Denver	\$140,000	Q7.N	Children's Hospital Colorado
TrkB agonist therapy for sensorimotor dysfunction in Rett syndrome	\$0	Q2.S.D	Case Western Reserve University
Linguistic perspective-taking in adults with high-functioning autism: Investigation of the mirror neuron system	\$0	Q2.Other	Carnegie Mellon University
How does IL-6 mediate the development of autism-related behaviors?	\$0	Q2.S.A	California Institute of Technology
The mechanism of the maternal infection risk factor for autism	\$0	Q2.S.A	California Institute of Technology

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Neurophysiological investigation of language acquisition in infants at risk for ASD	\$28,000	Q1.L.A	Boston University
Novel methods for testing language comprehension in children with ASD	\$127,500	Q1.S.B	Boston University
Architecture of myelinated axons linking frontal cortical areas	\$0	Q2.Other	Boston University
A cerebellar mutant for investigating mechanisms of autism in Tuberous Sclerosis	\$0	Q2.S.D	Boston Children's Hospital
Randomized phase 2 trial of RAD001 (an MTOR inhibitor) in patients with tuberous sclerosis complex	\$65,000	Q4.L.A	Boston Children's Hospital
The effects of disturbed sleep on sleep-dependent memory consolidation and daily function in individuals with ASD	\$89,545	Q2.S.E	Beth Israel Deaconess Medical Center
Comparing AMMT vs. Control Therapy in facilitating speech output in nonverbal children with autism	\$60,000	Q4.S.G	Beth Israel Deaconess Medical Center
In-vivo imaging of neuronal structure and function in a reversible mouse model for autism.	\$28,000	Q2.S.D	Baylor College of Medicine
Maternal supplementation of folic acid and function of autism gene synaptic protein Shank3 in animal model	\$87,793	Q3.S.J	Baylor College of Medicine
Treatment of sleep problems in children with autism spectrum disorder with melatonin: A double-blind, placebo-controlled study	\$0	Q4.S.A	Baylor College of Medicine
Autism Treatment Network (ATN) 2011- BCM/TCH	\$25,000	Q7.N	Baylor College of Medicine
Baby Siblings Research Consortium	\$45,000	Q1.S.B	Autism Speaks (AS)
Autism Genome Project (AGP)	\$0	Q3.L.B	Autism Speaks (AS)
Clinical Trials Network	\$0	Q4.L.A	Autism Speaks (AS)
Bioinformatics support for AGRE	\$550,514	Q7.D	Autism Speaks (AS)
Autism Tissue Program (ATP)	\$470,603	Q7.D	Autism Speaks (AS)
Autism Genetic Resource Exchange (AGRE)	\$1,615,308	Q7.D	Autism Speaks (AS)
Innovative Technology for Autism	\$0	Q7.K	Autism Speaks (AS)
Autism Treatment Network (ATN)	\$1,028,052	Q7.N	Autism Speaks (AS)
The role of mTOR inhibitors in the treatment of autistic symptoms in symptomatic infantile spasms	\$60,000	Q2.S.E	Albert Einstein College of Medicine of Yeshiva University
Advanced parental age and autism: The role of aneuploidy and uniparental disomy in ASD pathogenesis	\$28,000	Q3.S.A	Albert Einstein College of Medicine of Yeshiva University
Modeling and pharmacologic treatment of autism spectrum disorders in Drosophila	\$0	Q4.S.B	Albert Einstein College of Medicine of Yeshiva University
A large scale, two phase study to estimate prevalence, and raise awareness, about autism spectrum conditions in India	\$0	Q7.J	Action for Autism/Creating Connections

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Multi-registry analyses for iCARE - Denmark	\$37,928	Q3.S.H	Aarhus University

